## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	253	(vco or nco or (controlled near2 oscillator\$1)) near2 (output\$1 or input\$1) near6 (filter\$4 or coefficient\$1 or (transfer near2 function\$1)) near3 (updat\$4 or adapt\$4 or adjust\$4 or compensat\$4 or correct\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/07/16 19:57
L2	16	(vco or nco or (controlled near2 oscillator\$1)) near2 (output\$1 or input\$1) near6 (coefficient \$1 or (transfer near2 function\$1) or weight \$1) near3 (updat\$4 or adapt\$4 or adjust\$4 or compensat\$4 or correct\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/07/16 19:57
L3	141	(sima\$2delta or delta\$2sigma or (sigma near delta) of (frequency near2 synthesi\$4)) near7 (phase or frequency) near2 (path\$1 or branch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/07/16 19:57
L4	3155	(375/295,302).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/07/16 20:14
S1	3	polar near2 modulat\$4 and (pll\$1 or (phase near2 lock near2 loop\$1)) and sigma near2 delta near2 modulat\$4 and pre\$2emphasi\$4 near2 filter\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/01 16:37
S2	12	(pll\$1 or (phase near2 lock near2 loop\$1)) and sigma near2 delta near2 modulat\$4 and pre\$2emphasi\$4 near2 filter\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 09:49
S3	13	(pll\$1 or (phase near2 lock near2 loop\$1)) and sigma near2 delta near2 (modulat\$4 or conver\$4) and pre\$2emphasi\$4 near2 filter\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/01 16:59
S4	30	(pll\$1 or (phase near2 lock near2 loop\$1)) and sigma near2 delta near2 (modulat\$4 or conver\$4) and pre\$2filter\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/02 11:04
S5	2	(pll\$1 or (phase near2 lock near2 loop\$1)) and sigma near2 delta near2 (modulat\$4 or conver\$4) and pre\$2filter\$4 and polar near2 modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/01 17:04
<del>3</del> 6	2	("6008073").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/01 17:04
S7	749	(pll\$1 or (phase near2 lock near2 loop\$1)) and sigma near2 delta near2 (modulat\$4 or conver\$4) same filter\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/01 17:29
S8	10	(("6433835") or ("6937668") or ("5726609") or ("6239660") or ("6008703")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/01 17:30

S10	2	("6008703").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/02 09:32
S11	4	(("20040008793") or ("5420536")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/02 10:15
S12	5	(pll\$1 or (phase near2 lock near2 loop\$1)) and sigma near2 delta near2 (modulat\$4 or conver\$4) same filter\$4 with (adaptive\$1 or mse or (minimum near2 mean near2 squar \$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/02 11:08
S13	6	(pll\$1 or (phase near2 lock near2 loop\$1)) and sigma near2 delta near2 (modulat\$4 or conver\$4) same (pre\$2filter\$4 or (pre \$2emphasis adj2 filter\$4) or (transmit near2 filter\$4) or (compensat\$4 near2 filter\$4)) and (adaptive\$2 or mse or (minimum near2 mean near2 squar\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/02 12:47
S14	53	(pll\$1 or (phase near2 lock near2 loop\$1)) and sigma near2 delta near2 (modulat\$4 or conver\$4) and (pre\$2filter\$4 or (pre \$2emphasis adj2 filter\$4) or (transmit near2 filter\$4) or (compensat\$4 near2 filter\$4)) and (adaptive\$2 or mse or (minimum near2 mean near2 squar\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/02 11:30
S15	6	spectral near2 cleanliness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/02 13:40
S17	19	(pll\$1 or (phase near2 lock near2 loop\$1)) and sigma near2 delta near2 (modulat\$4 or conver\$4) same (pre\$2filter\$4 or (pre \$2emphasis adj2 filter\$4) or (transmit near2 filter\$4) or (compensat\$4 near2 filter\$4)) and linear\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/02 11:34
S18	33	(pll\$1 or (phase near2 lock near2 loop\$1)) and sigma near2 delta near2 (modulat\$4 or conver\$4) same (pre\$2filter\$4 or (pre \$2emphasis adj2 filter\$4) or (transmit near2 filter\$4) or (compensat\$4 near2 filter\$4) or (pre\$2accentuat\$4 near2 filter\$4)) and (adapt \$5 or calibrat\$4 or mse or (minimum near2 mean near2 squar\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/02 12:48
S19	43	(pll\$1 or (phase near2 lock near2 loop\$1)) and sigma near2 delta near2 (modulat\$4 or conver\$4) same (pre\$2filter\$4 or (pre \$2emphasis adj2 filter\$4) or (transmit near2 filter\$4) or (compensat\$4 near2 filter\$4) or (pre\$2accentuat\$4 near2 filter\$4)) and (adapt \$5 or calibrat\$4 or adjust\$4 or compensat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/05 09:20
S20	25	(pll\$1 or (phase near2 lock near2 loop\$1)) and sigma near2 delta near2 (modulat\$4 or conver\$4) same (pre\$2filter\$4 or (pre \$2emphasis adj2 filter\$4) or (transmit near2 filter\$4) or (compensat\$4 near2 filter\$4) or (pre\$2accentuat\$4 near2 filter\$4)) same (adapt\$5 or calibrat\$4 or adjust\$4 or compensat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/02 12:50

S22	168	(pll\$1 or (phase near2 lock near2 loop\$1)) and sigma near2 delta near2 (modulat\$4 or conver\$4) and (pre\$2filter\$4 or (pre \$2emphasis adj2 filter\$4) or (transmit near2 filter\$4) or (compensat\$4 near2 filter\$4) or (pre\$2accentuat\$4 near2 filter\$4)) and (adapt \$5 or calibrat\$4 or adjust\$4 or compensat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/02 14:02
S23	25	(pll\$1 or (phase near2 lock near2 loop\$1)) and sigma near2 delta near2 (modulat\$4 or conver\$4) same (pre\$2filter\$4 or (pre \$2emphasis adj2 filter\$4) or (transmit near2 filter\$4) or (compensat\$4 near2 filter\$4) or (pre\$2accentuat\$4 near2 filter\$4)) same (adapt\$5 or calibrat\$4 or adjust\$4 or compensat\$4 or tailor\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/02 13:47
S41	71	(fir or (finite near2 impulse near2 response \$1)) near4 (benefit\$4 or advantage\$1) same (iir or (infinite near2 impulse near2 response \$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/02 16:09
S42	69	(iir or (infinite near2 impulse near2 response \$1)) near4 (benefit\$4 or advantage\$1) same (fir or (finite near2 impulse near2 response \$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/02 16:09
S43	421	dipole near2 antenna\$1 with (advantage\$1 or benefit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/04 16:29
S44	84	dipole near2 antenna\$1 with amplif\$4 same modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:19
S46	2	dipole near2 antenna\$1 with amplif\$4 and modulat\$4 with sigma\$2delta	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/05 09:14
S47	2943	(375/295,300,302,303,305,308).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/05 09:19
S48	2	S47 and (pll\$1 or (phase near2 lock near2 loop\$1)) and sigma near2 delta near2 (modulat\$4 or conver\$4) same (pre\$2filter\$4 or (pre\$2emphasis adj2 filter\$4) or (transmit near2 filter\$4) or (compensat\$4 near2 filter\$4) or (pre\$2accentuat\$4 near2 filter\$4)) and (adapt\$5 or calibrat\$4 or adjust\$4 or compensat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/05 09:20
S49	14	(("20040008793") or ("5420536") or ("6324220") or ("5386590") or ("5687101") or ("6674856") or ("6940916")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:16
S50	293	(sigma\$2delta or (sigma near2 delta)) same (base\$1band or (base adj band\$1)) same amplif\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:25
S51	47	(sigma\$2delta or (sigma near2 delta)) same (base\$1band or (base adj band\$1)) same ((phase near2 lock\$4 near2 loop\$1) or pll\$1) and amplif\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:31

S52	2	(sigma\$2delta or (sigma near2 delta)) same (base\$1band or (base adj band\$1)) same (pre \$2emphasis or (pre adj emphasis)) and ((phase near2 lock\$4 near2 loop\$1) or pll\$1) and amplif\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/07 17:44
S73	91	base\$2band\$ same (MAC or (medium near2 access near2 control\$4)) same (control\$4 or configur\$4) near6 packet\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/12/10 14:28
S98	13	amplif\$4 same (sima\$2delta or delta\$2sigma or (sigma near delta) of (frequency near2 synthesi\$4)) near7 (phase or frequency) near2 (path\$1 or branch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 10:06
S100	7	amplif\$4 same2 (sima\$2delta or delta\$2sigma or (sigma near delta) of (frequency near2 synthesi\$4)) near7 "pm" near2 (path\$1 or branch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 10:13
S101	7	(sima\$2delta or delta\$2sigma or (sigma near delta) of (frequency near2 synthesi\$4)) near7 "pm" near2 (path\$1 or branch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 10:15
S102	112	(sima\$2delta or delta\$2sigma or (sigma near delta) of (frequency near2 synthesi\$4)) near7 (phase or frequency) near2 (path\$1 or branch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 10:15
S103	10	(sima\$2delta or delta\$2sigma or (sigma near delta) of (frequency near2 synthesi\$4)) near7 (phase or frequency or pm) near2 (path\$1 or branch) same (amplitude or magnitude or gain or am) near2 (path\$1 or modulat\$4 or branch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 10:16
S104	1454	(vco or nco or (controlled near2 oscillator\$1)) with (filter\$4 or coefficient\$1 or (transfer near2 function\$1)) near3 (updat\$4 or adapt \$4 or adjust\$4 or compensat\$4 or correct\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/27 15:52
S105	1325	(vco or nco or (controlled near2 oscillator\$1)) near6 (filter\$4 or coefficient\$1 or (transfer near2 function\$1)) near3 (updat\$4 or adapt \$4 or adjust\$4 or compensat\$4 or correct\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/27 15:53
S106	250	(vco or nco or (controlled near2 oscillator\$1)) near2 (output\$1 or input\$1) near6 (filter\$4 or coefficient\$1 or (transfer near2 function\$1)) near3 (updat\$4 or adapt\$4 or adjust\$4 or compensat\$4 or correct\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/27 15:54
S107	2	(vco or nco or (controlled near2 oscillator\$1)) near2 (output\$1 or input\$1) near6 filter\$4 near2 (coefficient\$1 or (transfer near2 function\$1) or weight\$1) near3 (updat\$4 or adapt\$4 or adjust\$4 or compensat\$4 or correct\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/27 16:00
S108	16	(vco or nco or (controlled near2 oscillator\$1)) near2 (output\$1 or input\$1) near6 (coefficient \$1 or (transfer near2 function\$1) or weight \$1) near3 (updat\$4 or adapt\$4 or adjust\$4 or compensat\$4 or correct\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/05/27 16:02

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